

## BETA 15

Nominal Basket Diameter	15", 381mm
Impedance	8 ohms
Power Rating	350Wrms
Resonance	35Hz
Usable Frequency Range	35Hz - 4kHz
Sensitivity	<a href="#">see chart on web</a>
Magnet Weight	34oz.
Gap Height	0.312", 7.94mm
Voice Coil Diameter	2", 50.8mm

### Mounting Information

Recommended Enclosure Volume (vented)	106 - 177 liters 3.75 - 6.25 cu. ft.
Overall Diameter	15.15", 384.8mm
Baffle Hole Diameter	13.77", 349.6mm <i>fitted as standard</i>
Front Sealing Gasket	<i>fitted as standard</i>
Rear Sealing Gasket	
Mounting Holes Diameter	0.25", 6.4mm
Mounting Holes B.C.D.	14.56", 369.9mm
Depth	6.05", 153.6mm
Shipping Weight	11lbs., 5 kg.

### Thiele-Small Parameters

Resonant Frequency (fs)	35Hz
Impedance (Re)	6.32 ohms
Coil Inductance (Le)	1.10mH
Electromagnetic Q (Qes)	0.63
Mechanical Q (Qms)	8.10
Total Q (Qts)	0.58
Compliance Equivalent Volume (Vas)	334.6 liters 11.82 cu. ft.
Peak Diaphragm Displacement Volume (Vd)	327cc
Mechanical Compliance of Suspension (Cms)	0.35mm/N
BL Product (BL)	11.5 T-M
Diaphragm Mass inc. Airload (Mms)	60 grams
Equiv. Resistance of Mechanical Suspension Loss (Rms)	1.61N*sec/M
Efficiency Bandwidth Product (EBP)	55
Voice Coil Overhang (Xmax)	4.0mm
Surface Area of Cone (Sd)	823.7cm <sup>2</sup>
impedance at Resonance (Zmax)	88 ohms
Maximum Linear Excursion (Xmech)	23.16mm

### Eminence Speaker LLC

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### Application Notes

For all high power bass applications including bass guitar.

### Materials of Construction

- Kapton coil former for increased rigidity and thermal protection
- Polyamide-imide coated two-layer, 30 ga., copper voice coil for improved power handling and durability.
- Ferrite Magnet
- Vented core for increased power handling
- Premium pressed steel basket for maximum strength
- Paper cone
- Cloth cone edge
- Solid composition paper dust cap

